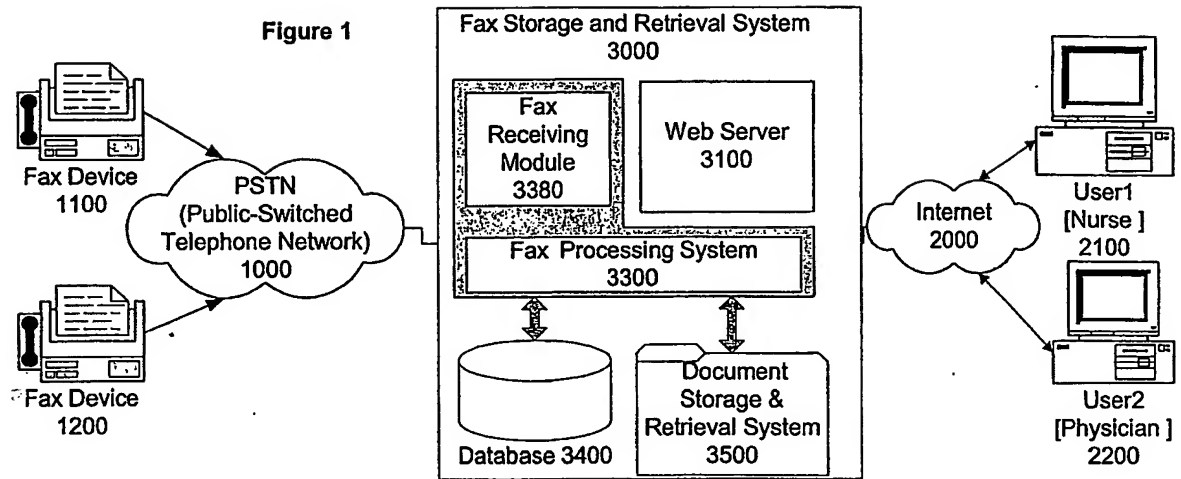
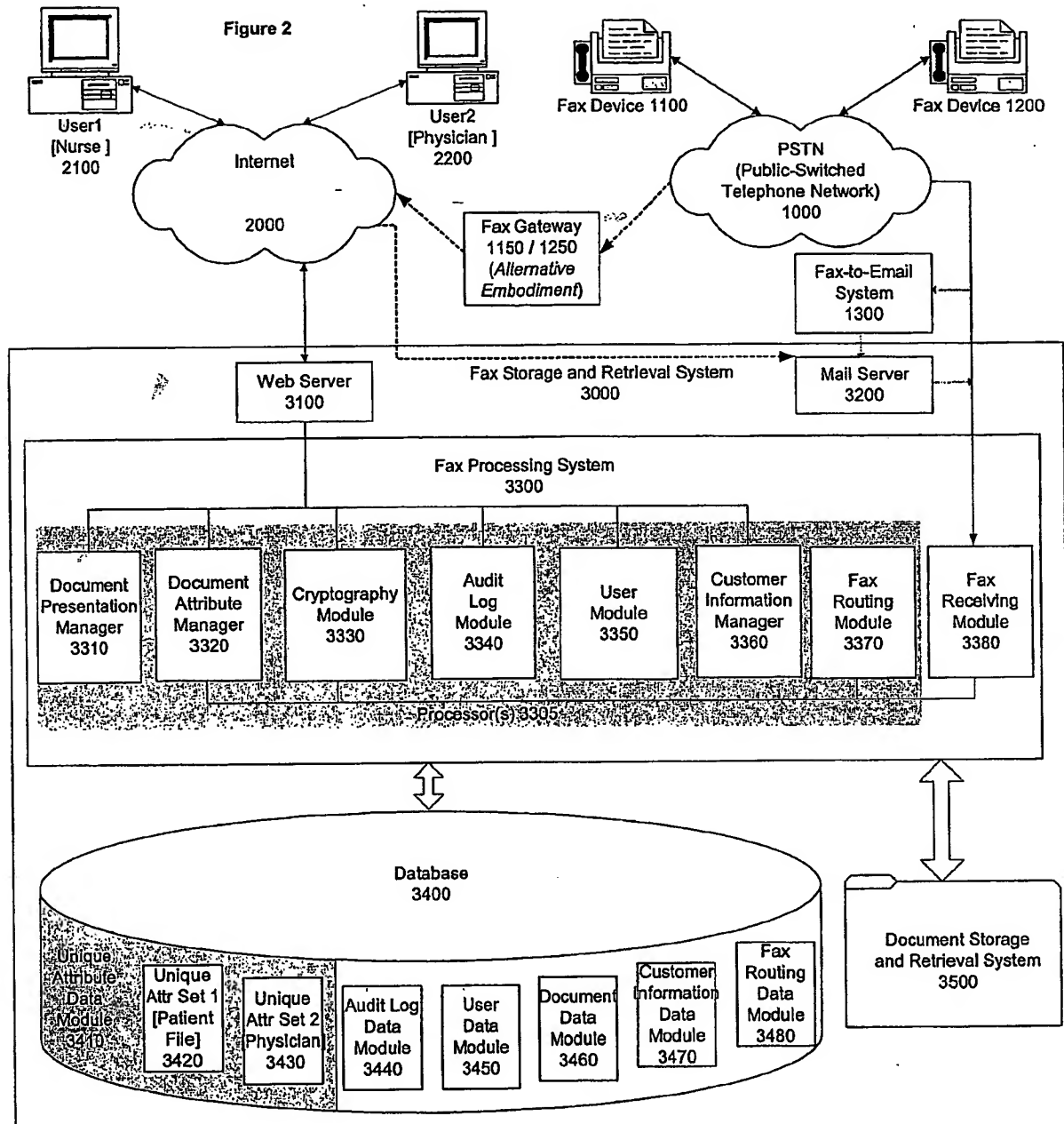


Figure 1





### Figure 2

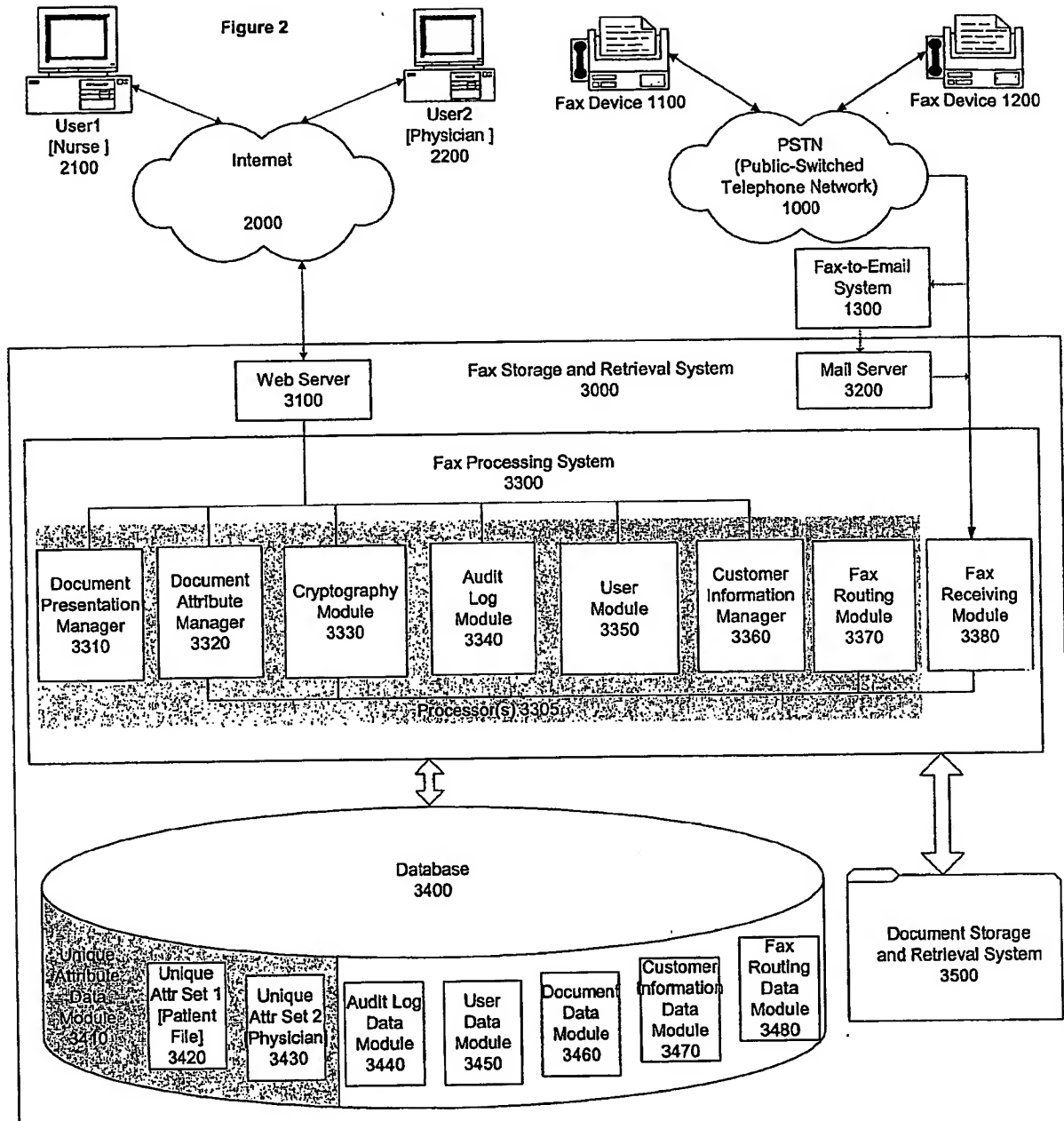
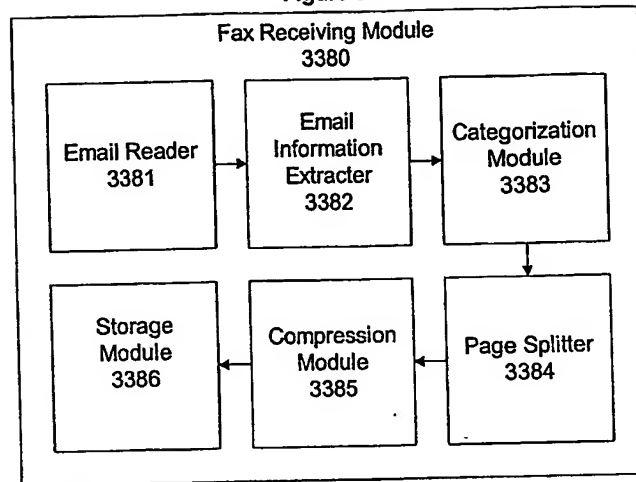
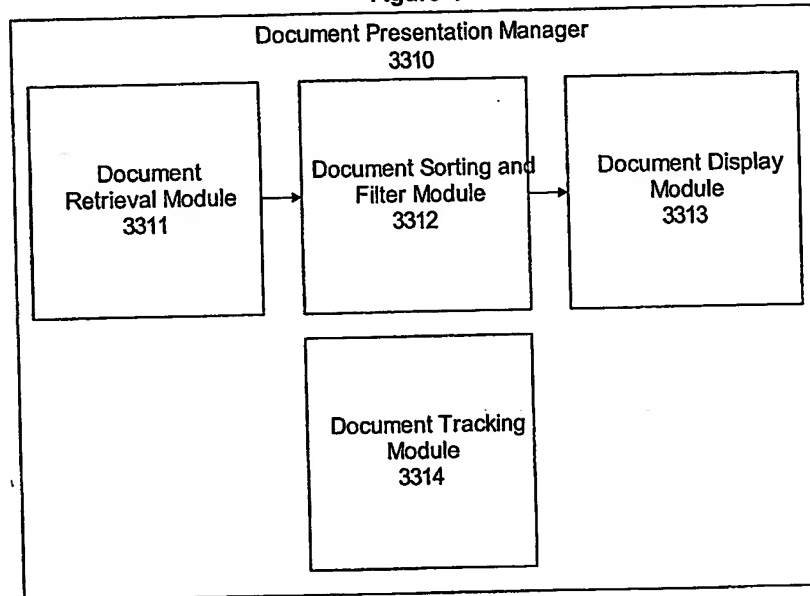


Figure 3



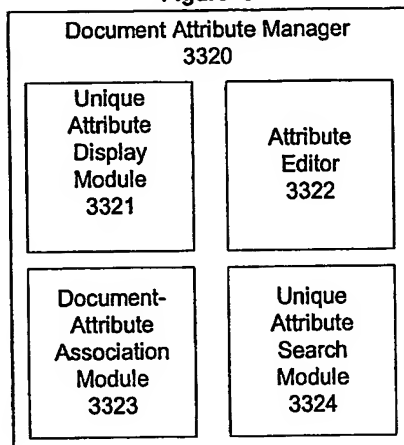
## Document Presentation Manager 3310

Figure 4



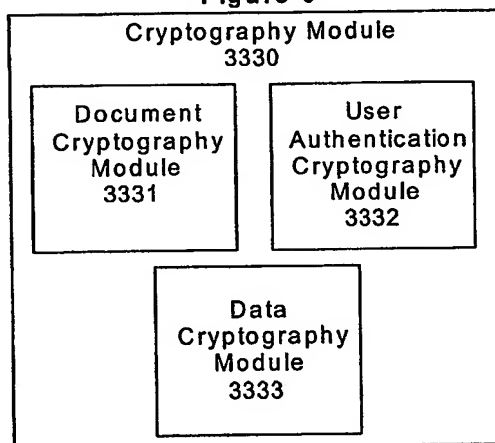
## Document Attribute Manager 3320

Figure 5



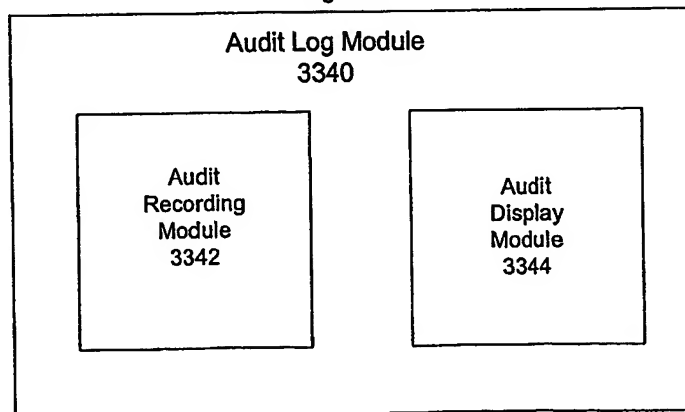
## Cryptography Module 3330

Figure 6



## Audit Log Module 3340

Figure 7



WO 03/061270

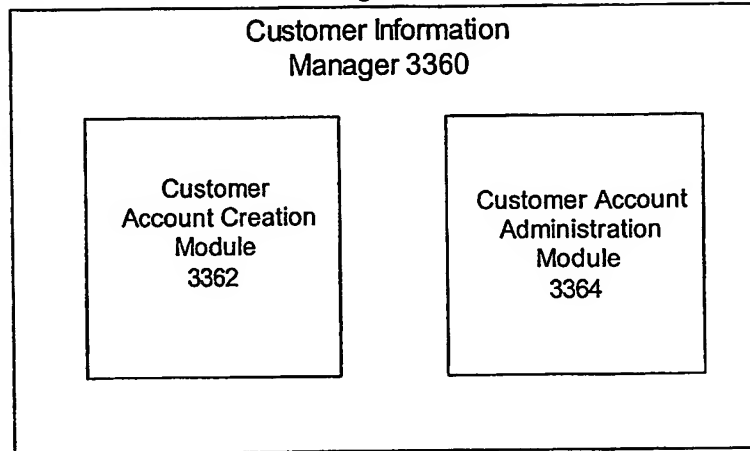
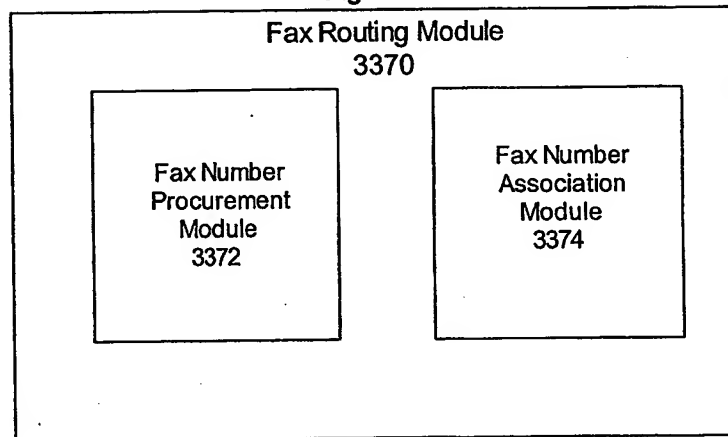
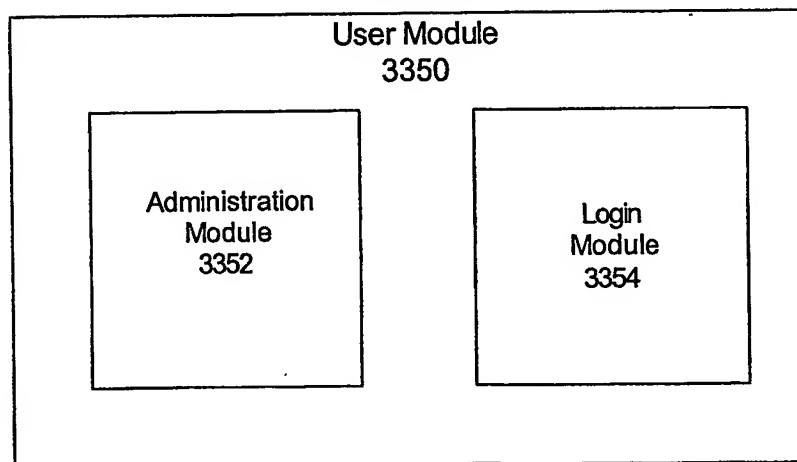
**Customer Information Manager 3360****Figure 8****Fax Routing Module 3370****Figure 9****User Module 3350****Figure 10**

Figure 11

FaxRoutingInfo Table 3482

FaxRoutingInfoId	FaxNumber	EmailAddress	CustomerId	DepartmentId	MemberId	Description
17	1-866-947-0512	001@fax.mmf.com	13	12	5	

Figure 12-A

Document Table 3462

DocumentId	CustomerId	FaxRoutingInfoId	ReceivedDateTime	NoOfPages	ReceivedFrom
1029	13	17	03-Jan-01	2	212 982 0031

**Figure 12-B****DocumentPages Table 3464**

DocumentPageld	UniqueCaseld	DocumentId	DocumentPageNo	UniqueCasePageNo	State
10397	765	1029	1	1	3
10398	766	1029	2	1	3

**Figure 13****Customer Table 3472**

CustomerId	CustomerName	CustomerCode	SessionTimeou t	ContactName	ContactEmail	ContactPhon
13	Test Hospital	TH01	30	Peter Paul	ppaul@cn.co m	212-333-4444

**Figure 14****User Table 3452**

Userld	LoginID	Password	UserType	Firstname	Lastname	CustomerId	CustomerCode	Disable
107	kjohnson	E93o30033	1	Kelly	Johnson	13	TH01	0
108	john	w882jy729	0	John	Smith	13	TH01	0

**Figure 15-A****AuditAction Table 3442**

AuditActionId	Description	Data Type
1	Document Reviewed	NULL
2	Document Filed	1
3	Unique Case Attribute1 Changed	2

**Figure 15-B****AuditLog Table 3444**

AuditLogId	Userld	AuditActionId	Objectld
1092	108	1	1029
1093	108	3	1076

**Figure 15-C****AuditDetailsChar Table 3446**

AuditLogId	State	Data
1093	B	'Johson'
1093	A	'Smith'

**Figure 15-D****AuditDetailsNum Table 3448**

AuditLogId	State	Data
1821	B	45
1821	A	13

**Figure 16****UniqueAttrSet1 (Patient File) Table 3420**

UniqueCaseId	Firstname	Lastname	SSN	DateofBirth	ProcedureDate	PhysicianId	Keywords
3109	John	Smith	028871281	11-14-63	02-08-02	32	Knee repl.
3110	Marth	Stuart	901293822	02-22-43	02-09-02	32	Bypass

**Figure 17****UniqueAttrSet2 (Physician) Table 3430**

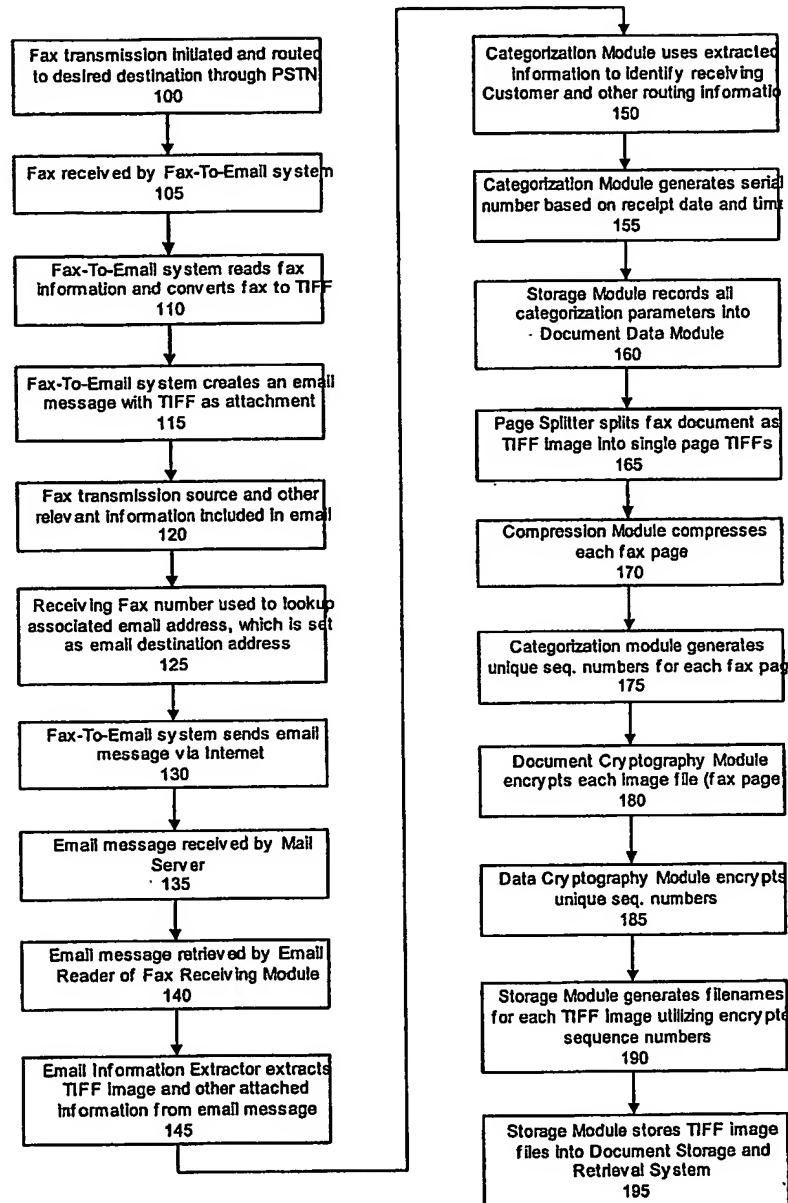
PhysicianId	Firstname	Lastname	UPIN
11	Patrick	Crane	A12345
32	Jeffrey	Siegel	B12983

**Figure 19****FaxToEmail Table 1302**

FaxToEmailId	FaxNumber	EmailAddress
1	1-866-947-0512	001@fax.mmf.com

## Fax Receiving and Storage

Figure 18



# Document Display and Organization

**Figure 20**  
**Process Flow Chart**

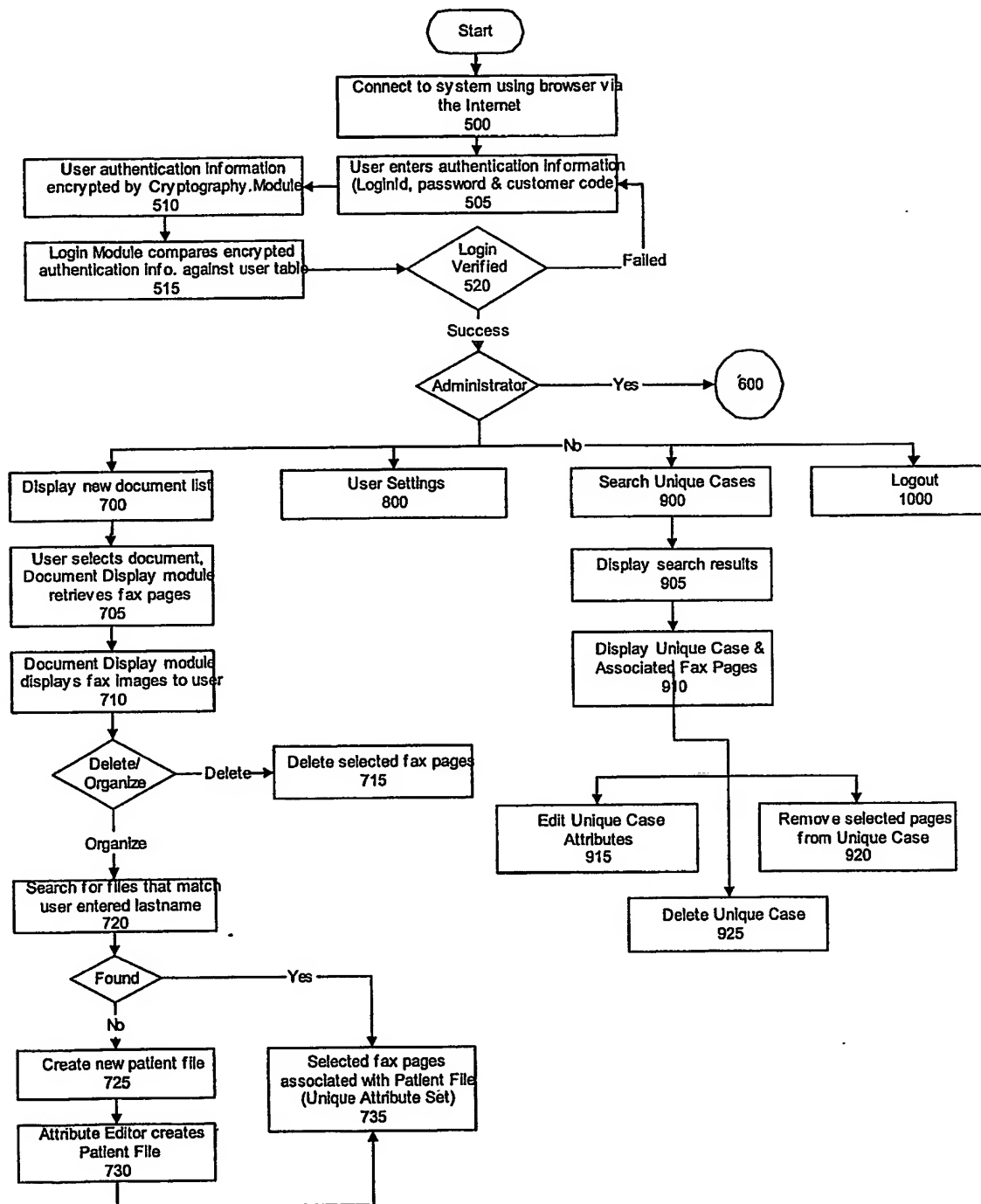


Figure 21

## List of Incoming (un-reviewed) Faxes

List of faxes - Microsoft Internet Explorer

File Edit View Favorites Tools Help Links Home Dev Google

Address http://216.73.191.204/secure/faxlist.asp?r=800cf62256d1421

Logout | Settings | Patient Files

## Faxes

Un-reviewed faxes in Inbox

Help: The "Review" link below, allows you to organize fax contents into patient files. You can also delete unwanted faxes.

Inbox (10) | Deleted [Track Faxes](#)

Fax #	Date/Time	From	Fax To	Pages	
SEP-009	09/26/2001 06:37:00 PM	Unknown	Dr. Perkins, Bridget	1	<a href="#">Review</a>
SEP-009	09/26/2001 06:38:00 PM	unknown	Dr. Perkins, Bridget	2	<a href="#">Review</a>
SEP-006	09/26/2001 06:36:00 PM	+2019382789	Dr. Iyer, Sri	2	<a href="#">Review</a>
SEP-007	09/26/2001 06:36:00 PM	7184722253	Dr. Iyer, Sri	7	<a href="#">Review</a>
SEP-001	09/26/2001 06:34:00 PM	+2019382789	OR Suite #1	2	<a href="#">Review</a>
OCT-002	10/15/2001 02:31:47 PM		OR Suite #1	3	<a href="#">Review</a>
OCT-003	10/15/2001 02:31:47 PM		OR Suite #1	3	<a href="#">Review</a>
OCT-004	10/15/2001 02:31:47 PM		OR Suite #1	3	<a href="#">Review</a>
OCT-005	10/15/2001 02:31:47 PM		OR Suite #1	3	<a href="#">Review</a>
OCT-001	10/15/2001 02:31:47 PM		OR Suite #1	3	<a href="#">Review</a>

TIP: Faxes can be sorted by clicking on column headings that appear as links.

Done Internet

Figure 22

## Viewing a Fax

Fax View - Microsoft Internet Explorer

File Edit View Favorites Tools Help Links Home Dev Google

Address http://216.73.191.204/secure/faxview.asp?r=800cf62256d1421&rm=1268f1=SEP%2007&st=0&sm=Dr%2E+Iyer%2C+Sri&rp=7

Fax # SEP-007 From: Dr. Iyer, Sri Pages: 7 [Faxes](#) [Patient Files](#)

## Review Fax

To file, enter Patient Last Name:

[File](#) [Delete](#)

☐ all pages ☐ let me select

Notes:

1. To create a new patient file enter patient's last name above, click on "File". Follow on-screen instructions.
2. To delete this fax, click on the "Delete" button.
3. You can act upon all or individual pages by checking "all pages" or "selected" respectively.

[Faxes](#) | [Patient Files](#)

MMF Systems 20x96 dpi

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9

Internet

Figure 23

## New Unique Attribute Set (Patient File)

Microsoft Internet Explorer

Address: http://216.73.191.204/secure/faxover.asp?r=113347d0e225af&Strm=1288rf-SEP%2D007&st=0&st=0%2C+tyer%2C+Strp=7

Fax #: SEP-007 For: Dr. Siegel, Jeffrey Pages: 7 Faxes Patient Files

### New Patient File

First name:

Last name:

Birth Date:

Unique Id:

Physician:

Proc. Date:

Keywords:

( \* required fields, \* atleast one required )

Done Internet

Figure 24

## Unique Attribute Set (Patient File) Found

Microsoft Internet Explorer

Address: http://216.73.191.204/secure/faxover.asp?r=8000562256d14218rf-SEP%2D007&st=0&st=0%2C+tyer%2C+Strp=7

Fax #: SEP-007 For: Dr. Siegel, Jeffrey Pages: 7 Faxes Patient Files

### Confirm

☒ Smith, John

Birth Date:

Unique Id:

Physician: Dr. Siegel, Jeffrey

Proc. Date:

Keywords:

Done Internet

Figure 25

## Search Unique Cases (Patient Files)

Patient Files - Microsoft Internet Explorer

File Edit View Favorites Tools Help Links Home Dev Google

Address http://216.73.191.204/secureSearch.asp?r=59e49043cd7d4cd4f

Logout Settings Pages

### Patient Files

To find Patient Files, enter one or more values below and click on the 'Get Files' button.

Patient Name  (Last or first name)

Physician

Procedure Date    (Month, year and/or day)

Unique Identifier  (Record Number/SSN/etc.)

Keywords

Search Deleted ☐ (check to look for deleted patient files only)

TIP: You can enter partial values, e.g. entering "P" in the patient name will bring up all patient files that have the letter "P" in the first name or last name.

Done Internet

Figure 26

## List of Unique Cases (Patient Files)

Patient Files - Microsoft Internet Explorer


File Edit View Favorites Tools Help Links Home Dev Google

Address http://216.73.191.204/secure/Result.asp?r=59e49043cd7d4cd4f









Logout Settings Pages

### Patient Files

8 patient file(s) found.

Click on the corresponding  icon to view a file. (TIP: To view truncated information, hold the mouse cursor over the eyeglass icon).

[Search Again](#) Page 1 of 3 | < 1 2 3 >

External ID	Birth Date	Unique Id	Keywords	Physician	Proc. Date
Venkut, Gibson	12/20/1919	10043	Testing new list with ...	Dr. Beckman, Jm	
Uren, Test	02/10/1906	3192809-PK1	testing keywords Da...	Dr. Siegel, Jeffrey	07/12/2002 
Tart, Visual	09/10/1927	09938383	Testing Netscape Fon...	Dr. Perkins, Bddget	01/04/2002 
Math, Ice	02/04/1979		Testing Netscape Fon...	Dr. Antonacci, R...	
Thomas, sandeep				Dr. Antonacci, R...	
Kelly, John	01/07/1903				
Jensen, Larry		928313509			
Chase, Mike	10/10/1953		After the sheep job...	Dr. Antonacci, R...	

To find patient files: Click on the "Search Patient Files" link at the top-left corner of the patient files list to find a patient file.

Done Internet

Figure 27

## View Unique Case (Patient File)

File View - Microsoft Internet Explorer

Address: http://216.73.191.204/secure/filer.asp?r=59e49043cd7d4c48m=2018rp=48po=Mar%2C+Ice&f=

Patient: Man, Ice

### Patient File

Patient Name: Man, Ice  
 Date of Birth: 02/04/1979  
 Physician: Antonacci, Robert  
 Procedure Date:  
 Unique Identifier:  
 Keywords: Testing Netscape Font results

[Edit File Info](#)  
[Remove Page](#) # all pages, f selected  
[Delete File](#)

[Faxes](#) | [Patient Files](#)

MMF Systems  
204x38 dpi

Page: 1 of 4

View: [Icons] [Zoom: 100%] [Rotation: 0]

File: D.1, D.2, D.3, D.4

Internet

Figure 28

## Edit Unique Case (Patient File) Attributes

File View - Microsoft Internet Explorer

Address: http://216.73.191.204/secure/filer.asp?r=59e49043cd7d4c48m=2018rp=48po=Mar%2C+Ice&f=

Patient: Man, Ice

### Patient File

First name: Ice  
 Last name: Man  
 Birth Date: Feb 4 1979  
 Physician: Antonacci, Robert  
 Proc. Date: - - - - -  
 Unique Id:   
 Keywords: Testing Netscape Font

[Update](#) [Back](#)

Press "Update" when done.

MMF Systems  
204x38 dpi

Page: 1 of 4

View: [Icons] [Zoom: 100%] [Rotation: 0]

File: D.1, D.2, D.3, D.4

Done

Internet

Figure 29

## Hospital Procedural Information Flow (Base Case)

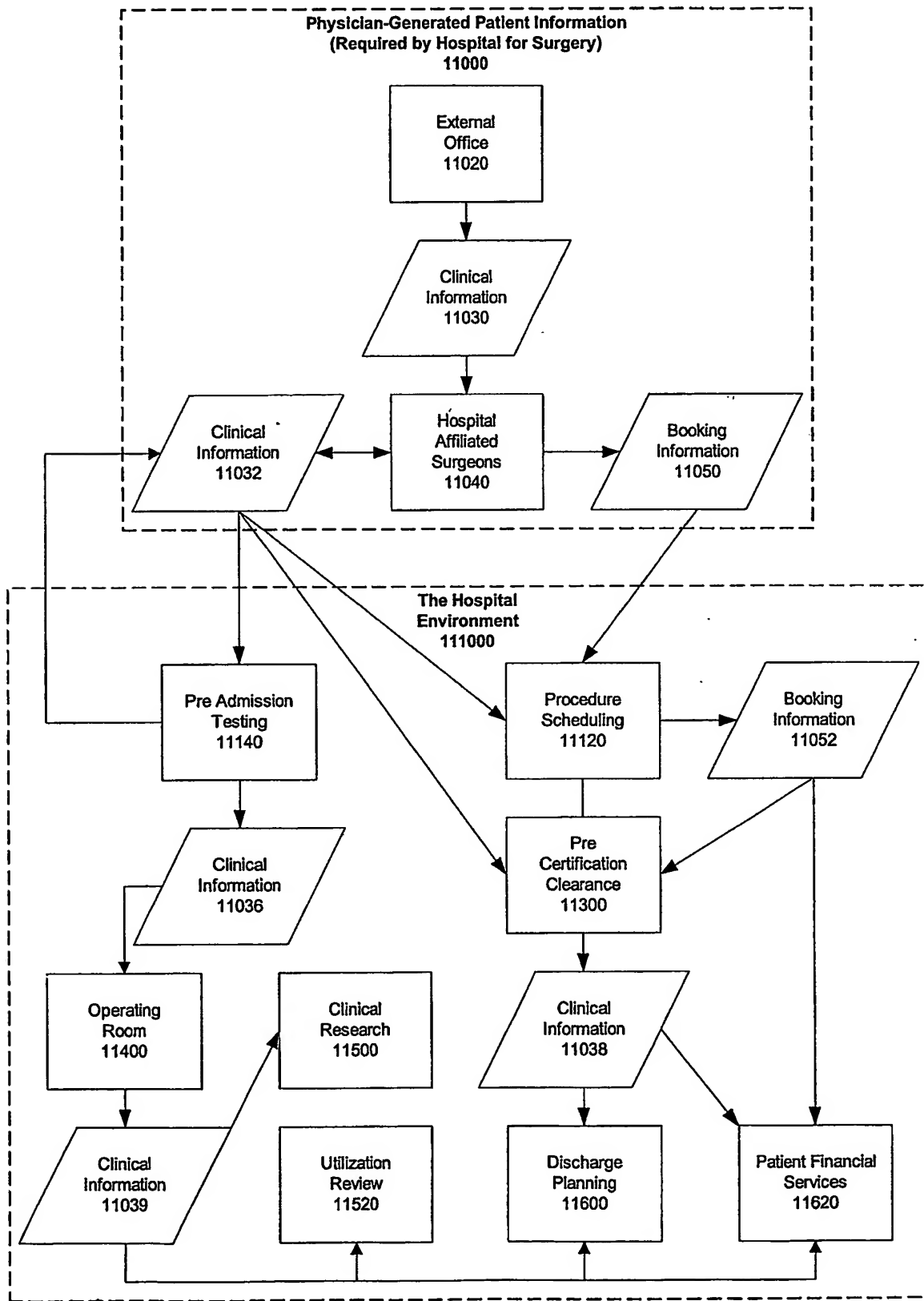
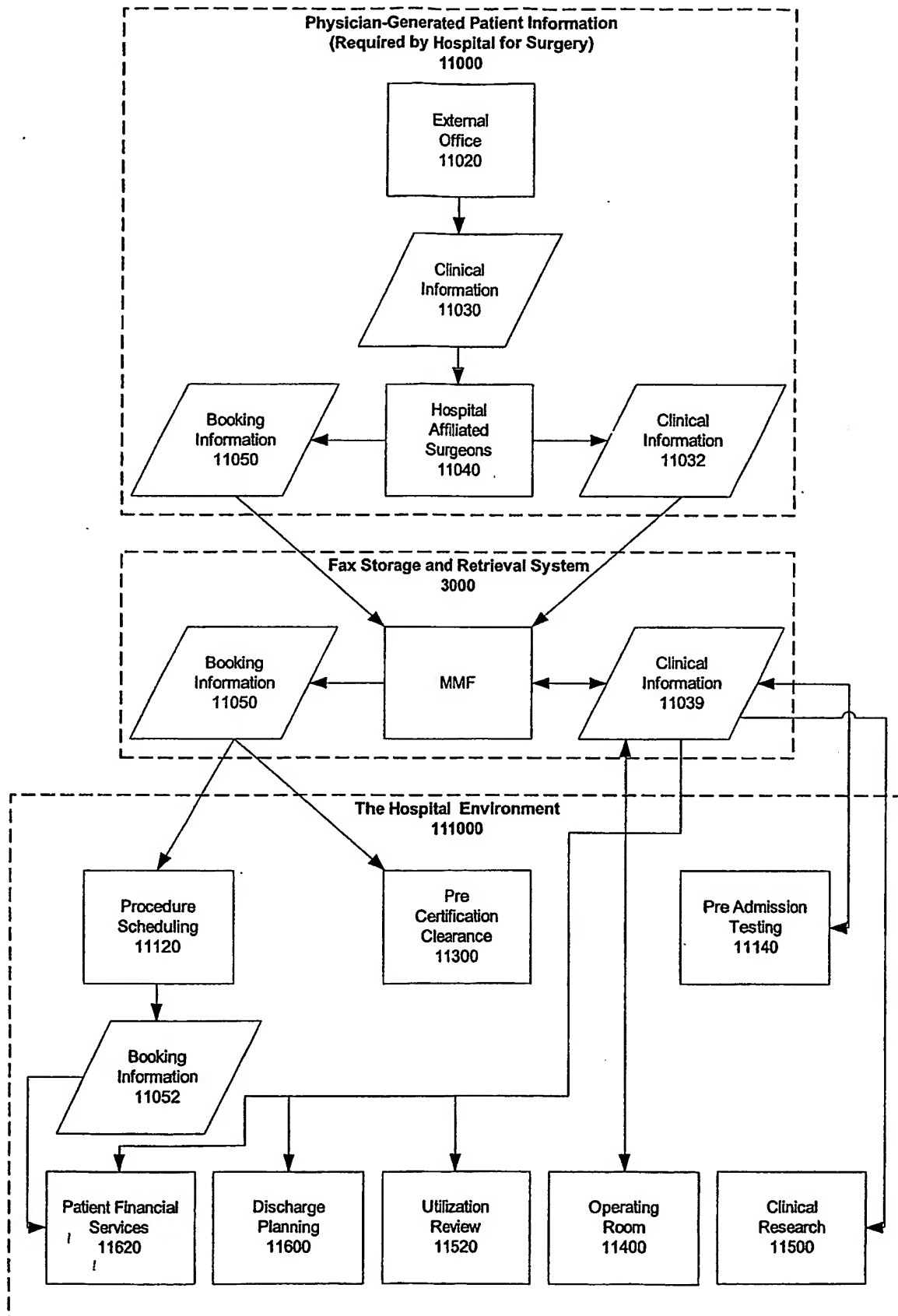


Figure 30

## Hospital Procedural Information Flow (Post MMF)



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**